

Chapter 6 (3)

Electronic Structure of Atoms (3)

1) Write the electronic configurations and orbital diagrams for the following atoms:

A) Na

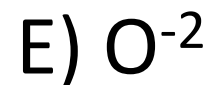
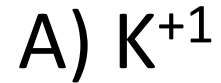
B) O

C) Cl

D) Ne

E) H

2) Write the electronic configurations and orbital diagrams for the following ions, and specify the isoelectronic species:



3) Write the full and abbreviated (according to the nearest noble gas) electronic configurations for the following atoms:

A) Fe

B) Cu

C) Cr

D) Ni